

## Storm Data and Unusual Weather Phenomena - January 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WISCONSIN, Southeast</b>				
<b>(WI-Z056) SAUK, (WI-Z058) DODGE, (WI-Z062) IOWA, (WI-Z063) DANE, (WI-Z064) JEFFERSON, (WI-Z067) LAFAYETTE, (WI-Z068) GREEN, (WI-Z069) ROCK</b>				
	01/07/10 00:00 CST	0		Winter Storm
	01/08/10 00:00 CST	0		
<p>The only January 2010 winter storm of any consequence produced periods of moderate to heavy snow across most of south-central and southeast Wisconsin on January 7th. Total snow accumulations were mostly in the 6 to 12 inch range. This storm was the result of strong forcing associated with a vigorous upper-low that tracked from central Iowa to east-central Illinois and then eastward. The storm had brisk northeast surface winds of 13 to 17 knots (15 to 20 mph) with gusts to 26 knots (30 mph) as the associated surface low deepened across north-central Illinois. This provided the low-level winds a long fetch over the relatively warmer open waters of Lake Michigan. Additionally, steep lapse rates and lake-induced CAPE between 250 and 280 J/kg, produced lake-effect snow bands that enhanced snow accumulations near the lake. Some wind gusts to 30 to 39 knots (35 to 45 mph) were reported along the Lake Michigan shoreline, resulting in snow drifts of 1 to 3 feet in height. Numerous vehicle spin-outs and accidents were reported across south-central and southeast Wisconsin. At least two people were hospitalized due to serious injuries suffered in vehicle accidents: one in Salem (Kenosha Co.) and the other one in the Town of Lyndon (Sheboygan Co.). Both are considered indirect injuries.</p> <p>Maximum snow amounts in each county included 13.1" in Germantown (Washington Co.), 12.5" in Sturtevant (Racine Co.), 10.2" in Big Bend (Waukesha Co.), 10" in Elkhart Lake (Sheboygan Co.) and West Allis (Milwaukee Co.), 9.4" in Port Washington (Ozaukee Co.), 9.2" in Reedsburg (Sauk Co.), 8.6" in Horicon (Dodge Co.), 8.5" in Dodgeville (Iowa Co.) and Paddock Lake (Kenosha Co.), 8.4" in Argyle (Lafayette Co.), an estimated 8" in far west-central Green County and far east-central Walworth County, 7.9" in Milton (Rock Co.), an estimated 7.5" in far southwest Dane County, 7" in Watertown (Jefferson Co.) and Ashford (Fond du Lac Co.).</p>				
<b>(WI-Z046) MARQUETTE, (WI-Z047) GREEN LAKE, (WI-Z057) COLUMBIA</b>				
	01/07/10 00:00 CST	0		Winter Weather
	01/08/10 00:00 CST	0		
<p>The winter storm that produced periods of moderate to heavy snow across most of south-central and southeast Wisconsin on January 7th, brought snow accumulations of 4 to 7 inches to portions of northern south-central Wisconsin. This storm was the result of strong forcing associated with a vigorous upper-low that tracked from central Iowa to east-central Illinois and then eastward. The storm had brisk northeast surface winds of 13 to 17 knots (15 to 20 mph) with gusts to 26 knots (30 mph) as the associated surface low deepened across north-central Illinois. Numerous vehicle spin-outs and accidents were reported across south-central and southeast Wisconsin.</p> <p>Maximum snow amounts in each county included 8.1" in Columbus (Columbia Co.) which fell over a greater than 24-hour period, 5.2" in Green Lake (Green Lake Co.) and 4.0" in Montello (Marquette Co.).</p>				
<b>(WI-Z051) FOND DU LAC, (WI-Z052) SHEBOYGAN, (WI-Z059) WASHINGTON, (WI-Z060) OZAUKEE, (WI-Z065) WAUKESHA, (WI-Z066) MILWAUKEE, (WI-Z070) WALWORTH, (WI-Z071) RACINE, (WI-Z072) KENOSHA</b>				
	01/07/10 04:00 CST	0		Winter Storm
	01/08/10 03:00 CST	0		
<p>The only January 2010 winter storm of any consequence produced periods of moderate to heavy snow across most of south-central and southeast Wisconsin on January 7th. Total snow accumulations were mostly in the 6 to 12 inch range. This storm was the result of strong forcing associated with a vigorous upper-low that tracked from central Iowa to east-central Illinois and then eastward. The storm had brisk northeast surface winds of 13 to 17 knots (15 to 20 mph) with gusts to 26 knots (30 mph) as the associated surface low deepened across north-central Illinois. This provided the low-level winds a long fetch over the relatively warmer open waters of Lake Michigan. Additionally, steep lapse rates and lake-induced CAPE between 250 and 280 J/kg, produced lake-effect snow bands that enhanced snow accumulations near the lake. Some wind gusts to 30 to 39 knots (35 to 45 mph) were reported along the Lake Michigan shoreline, resulting in snow drifts of 1 to 3 feet in height. Numerous vehicle spin-outs and accidents were reported across south-central and southeast Wisconsin. At least two people were hospitalized due to serious injuries suffered in vehicle accidents: one in Salem (Kenosha Co.) and the other one in the Town of Lyndon (Sheboygan Co.). Both are considered indirect injuries.</p> <p>Maximum snow amounts in each county included 13.1" in Germantown (Washington Co.), 12.5" in Sturtevant (Racine Co.), 10.2" in Big Bend (Waukesha Co.), 10" in Elkhart Lake (Sheboygan Co.) and West Allis (Milwaukee Co.), 9.4" in Port Washington (Ozaukee Co.), 9.2" in Reedsburg (Sauk Co.), 8.6" in Horicon (Dodge Co.), 8.5" in Dodgeville (Iowa Co.) and Paddock Lake (Kenosha Co.), 8.4" in Argyle (Lafayette Co.), an estimated 8" in far west-central Green County and far east-central Walworth County, 7.9" in Milton (Rock Co.), an estimated 7.5" in far southwest Dane County, 7" in Watertown (Jefferson Co.) and Ashford (Fond du Lac Co.).</p>				
<b>(WI-Z058) DODGE</b>				
	01/19/10 10:00 CST	0		Dense Fog
	01/19/10 16:00 CST	0		

**Storm Data and Unusual Weather Phenomena - January 2010**

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Surface high pressure building into Wisconsin brought clear skies and light winds to most of the state during the morning hours of January 19th. These conditions were favorable for the formation of dense fog across portions of southern Wisconsin. While dense fog was more widespread in southwest Wisconsin, there were pockets of dense fog over southeast and south-central Wisconsin.

One area of dense fog over southern Fond Du Lac County into central Dodge County contributed to an accident about 2 miles west of Waupun involving a car and a farm tractor pulling a wagon. The 56-year-old male driver of the car was killed in the accident. The Fond Du Lac County Sheriff's department, in a newspaper report about the accident, said low visibility contributed to the accident, but made no mention of freezing conditions being a factor. At the time of the accident, around 815 am CST, the Juneau Airport observation reported visibility of less than 1/4 mile in dense fog.